

consent form

CONSENT FORM

Project Title: Social Implications of the GPT3 Era

Investigators: Diyi Yang, Amy Bruckman

Student: Yihe Liu, Anushk Mittal

You are being asked to be a volunteer in a research study. The purpose of this study is to examine the participant's understanding of written textual communication. The study will take approximately 12 minutes to complete. We will not tell you everything about the study in advance. When the study is over, we will tell you everything. At that time you can decide whether to let us use your information. You have the right to then require that your information be destroyed.

Your participation in this study is gratefully acknowledged. Your information/data will be anonymized and will not be used outside of the scope of this study.

To protect your privacy, your name will not be collected or connected to the information or data that you provide.

The risks involved are no greater than those involved in daily activities.

We will comply with any applicable laws and regulations regarding confidentiality. To make sure that this research is being carried out in the proper way, the Georgia Institute of Technology IRB may review study records. The Office of Human Research Protections may also look at study records. If you have any questions about the study, you may contact Dr. Diyi Yang via email at salt.socialcomputing@gmail.com. If you have any questions about your rights as a research subject, you may contact Ms. Melanie Clark, Georgia Institute of Technology at (404) 894-6942.

If you complete the attached survey, it means that you have read -- or have had read to you -- the information contained in this letter and would like to be a volunteer in this research study.

Thank you for participating in this study.

demographics

Demographics Survey

Please respond to the following questions.
Feel free to decline to answer ANY of the questions.

How old are you (in years)?

What is your gender?

Male

Female

Other

Prefer not to say

Please specify your ethnicity (please select all that apply)

White

Black or African American

American Indian or Alaska Native

Asian

Native Hawaiian or Pacific Islander

Other

Prefer not to say

description

You will now be presented with a few emails. Please assume that you are the intended recipient of these emails. After reading each email, you'll be asked to summarize it in a few words and answer a few questions pertaining to the email.

This would be repeated 15 times. It should take about 15-20 minutes to get through this survey.

email-1(1)

Hi, I was looking at your website and wondering if it's possible to grow tomatoes inside in the winter in an apartment? Is there a particular type of tomato that would be easier to grow? Would I need a grow light?

Looking forward to your reply.

Thank you,
Drew

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Is the customer hiding any information that they already know?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Is the customer concerned that they ask all adequate information from customer support?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you expect the customer to buy this product?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- ☐ I know this is true
- ☐ I am not sure but it seems right
- ☐ I am not sure
- ☐ I am not sure but it seems wrong
- ☐ I know this is wrong

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1 2 3 4 5 6

On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

1 2 3 4 5 6

email-2(1)

Hi team,

I am a student at Georgia Tech looking to buy a few Raspberry Pis for a research project we are working on in a class. I was wondering if you offer any student discounts. Please

let me know if you need any further information.

Thank you,
Charlie

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you expect the customer to buy this product?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Is the customer concerned that they ask all adequate information from customer support?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Is the customer hiding any information that they already know?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

I know this is true

I am not sure but it seems right

I am not sure

I am not sure but it seems wrong

I know this is wrong

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

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On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

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email-3(1)

Hi team,

I am the branch manager of Velocity, Inc.’s regional office in San Francisco. We are currently exploring alternative suppliers for our stationery products as our current vendors are shutting down. We were exploring through your website and are interested in the selection that you offer. Is there any bulk pricing that you might be able to offer us? We typically have steady monthly demand for everyday items and per the company policy, we’d be utilizing your services for all our office product needs. PFA a sample invoice from our current vendor for an idea of our demand and pricing requirements.

Looking forward to hearing from you,

London

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Is the customer hiding any information that they already know?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Is the customer concerned that they ask all adequate information from customer support?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you expect the customer to buy this product?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- ☐ I know this is true
- ☐ I am not sure but it seems right
- ☐ I am not sure
- ☐ I am not sure but it seems wrong
- ☐ I know this is wrong

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1 2 3 4 5 6

On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

1 2 3 4 5 6

email-4(1)

Hi,

I am a hobbyist biohacker looking to explore the CRISPR Cas9 gene editing modules. I came across your company while watching the netflix documentary “Unnatural Selection” and am impressed by the catalog of items that you offer for hobbyist bio researchers outside traditional environments. Particularly, I am interested in buying the ‘Advanced Kit’ marked at 799. The website listing mentions that the kit may take some time to deliver as the individual items are procured from miscellaneous bulk orders. I was wondering if I place an order today, how long would it take to get the delivery? And if I’d be charged instantly or at the time of delivery? Also, if it would be possible to cancel the order after some time if my intentions change?

Looking forward to your response.

Thanks,
Kyle

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you expect the customer to buy this product?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Is the customer concerned that they ask all adequate information from customer support?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Is the customer hiding any information that they already know?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

I know this is true

I am not sure but it seems right

I am not sure

I am not sure but it seems wrong

I know this is wrong

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

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On a scale of 1-6, (1) being the lowest and (6) being the highest, how personal would you rate this email to be

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email-1(2)

Hi Alex,

As you might (or might not) remember.. I am graduating college next month! To celebrate this occasion, I am throwing a small get together of close friends and family and wanted to invite you :)

I'll be hosting it at my beachouse 8p onwards. I hope you can make it!! It will be a rainforest themed party so come prepared haha.

Please don't bother to bring any gifts or be formal about it. The idea is to just have lots of fun throughout the evening.

Let me know if you have any questions.

Best,
Sage

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you think the sender is capable of hosting this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you believe that the sender will actually hold this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender is hiding any information?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- I often invite people or receive invitations to parties
- I sometimes invite people or receive invitations to parties
- I rarely invite people or receive invitations to parties
- I never invite people or receive invitations to parties

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

123456

On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

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email-2(2)

Hi Jules,

How are you doing? It's been quite a while since we met each other. 8 months to be exact! I'm super excited to host my birthday party this weekend and wanted to check in with you, if you might be able to make it. We plan to start around 9pm, but you can come by a bit late if that works better. I know you get off work late on weekends! Please bring your brother as well if he's free. Always fun to see him..

Look forward to seeing you!

Best,
Bailey

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you think the sender is capable of hosting this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender will actually hold this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender is hiding any information?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- ☐ I often invite people or receive invitations to parties
- ☐ I sometimes invite people or receive invitations to parties
- ☐ I rarely invite people or receive invitations to parties
- ☐ I never invite people or receive invitations to parties

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1	2	3	4	5	6
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On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

1	2	3	4	5	6
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email-3(2)

Hi Riley,

Were you able to get a buy in for the Snowflake IPO? Super excited to hear more about it! I wanted to drop you this email to invite you to our fundraiser completion party. We have a super exciting announcement to make and it would be great to have your presence as one of the early investors who believed in us. You don't have to prepare anything... just be ready to casually talk good about us hahaha

We'll be hosting it at our Ponce City Market office and have reserved the rooftop as well. It should be nice weather that day so I hope you'll be able to make it!

Please let me know what you think.

Best,
Arden

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender will actually hold this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender is capable of hosting this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender is hiding any information?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- I often invite people or receive invitations to parties
- I sometimes invite people or receive invitations to parties
- I rarely invite people or receive invitations to parties
- I never invite people or receive invitations to parties

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

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On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

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email-4(2)

Hi Mum,

Catherine and I are throwing our first anniversary party next week and wanted to invite you and dad to join us on our boat. Catherine’s parents are going to be there and a couple of close friends who you know. We’ll have dinner on the boat and can sail around for a bit. We haven’t decided on the time yet... wanted to check your availability first. Are there any times that don’t work for you for next Friday?

Excited to see you soon!

Best,
Rory

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender will actually hold this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender is hiding any information?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender is capable of hosting this party?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- I often invite people or receive invitations to parties
- I sometimes invite people or receive invitations to parties
- I rarely invite people or receive invitations to parties
- I never invite people or receive invitations to parties

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1 2 3 4 5 6

On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

1 2 3 4 5 6

email-1(3)

Hi Elliott,

Dave just let me know about Spot dieing. I’m so sorry for your loss. I know words wouldn’t be able to comfort you at this time but I just wanted to write in to let you know

I'm thinking about you. I'm here if I can help in any way. I cherish our memories with Spot together. The way he'd fetch ball with Jimmy!! I'll share our album with you on Google Photos.

Take care!

Quinn

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender actually understands the loss of their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you believe that the sender is actually concerned for their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender actually believed in what they said?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

I am a long time pet owner

I am a beginner pet owner

I help look after pet(s) occasionally

I do not have a pet but often encounter one

I never interact with pet(s)

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1

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On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

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email-2(3)

Hi Maddie,

I am so sorry to hear about rabbit. I was always fascinated by him and enjoyed seeing him at your place. I had those little red carrots from Whole Foods Market mailed to you :/

At the same time, we shouldn't forget he is no longer in pain. We will always cherish the memories we have of him and remember the life lessons he taught about having fun and not taking ourselves seriously.

I miss him fondly too. Please take care! And, call me anytime!

Best,

Dave

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender actually understands the loss of their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you believe that the sender is actually concerned for their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender actually believed in what they said?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- I am a long time pet owner
- I am a beginner pet owner
- I help look after pet(s) occasionally
- I do not have a pet but often encounter one
- I never interact with pet(s)

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1	2	3	4	5	6
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On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

1	2	3	4	5	6
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email-3(3)

Hi Angie.

I heard about your cat's death. I'm sorry to hear it. I know you loved Fluffy very much. He was such a good boy! It's hard to imagine being at your house without Fluffers jumping on my lap as soon as I sit down.

I hope you can be comforted by knowing you helped make his life a good one. His last days must have been filled with love and warmth, which are so important when a pet gets old.

I wish you well, Angie.

Sincerely,
John

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender is actually concerned for their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you believe that the sender actually understands the loss of their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender actually believed in what they said?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

I am a long time pet owner

I am a beginner pet owner

I help look after pet(s) occasionally

I do not have a pet but often encounter one

I never interact with pet(s)

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

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On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

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email-4(3)

Hi Maddie,

I am sorry to hear about the loss of your dog. This year has been so terrible! You didn't need this tragedy on top of everything else. I hope he wasn't in too much pain. I'm glad to hear you were able to take him to his favorite spot last week.

Dogs are really family members. I will be here for you if you ever need to talk.

Good luck, Maddie.

Jon

What was this email about?

Please answer the following questions based on the email you just read assuming that you were the receiver of this e-mail. Please make sure to read each question carefully.

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Do you believe that the sender actually understands the loss of their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you believe that the sender is actually concerned for their friend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you think the sender actually believed in what they said?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please pick the option that most accurately describes your knowledge about the contents of this email?

- I am a long time pet owner
- I am a beginner pet owner
- I help look after pet(s) occasionally
- I do not have a pet but often encounter one
- I never interact with pet(s)

Do you think this e-mail was (1) “Definitely Human-written” to (6) “Definitely AI-generated”

1	2	3	4	5	6
---	---	---	---	---	---

On a scale of 1-6, (1) being the lowest and (6) being the highest, how emotionally involving would you rate this email to be

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Closing Survey

Please answer the following questions. Once done, press the next button to complete this survey and get your survey ID

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
Most people can be trusted	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computers are lessening the importance of too many jobs now done by humans.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computers can eliminate a lot of tedious work for people.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
People like me will suffer if Artificial Intelligence is used more and more	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in using artificially intelligent systems in my daily life	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

debrief + mturk

**Debriefing Document for Enrolling Adult Participants in a Research Study:
Georgia Institute of Technology**

Social Implications of the GPT3 Era

Thank you for your participation in the “Social Implications of the GPT3 Era” research study at Georgia Institute of Technology. The purpose of this study was to explore the effect of AI priming relating to the agency of written emails on perceived trust.

In order to obtain the most accurate data possible, we did not explain the true purpose of this study to you. We randomly assigned each participant to one of the four experimental groups — (1) no priming, (2) priming representing complete human agency, (3) priming representing a middle ground between being written by an AI and a human, and (4) priming representing extreme AI agency. You received (1) no priming condition. Further, the topical theme of the text ranged from more personal in nature to more logistical to understand the impact of the nature of the text as well. We apologize for any discomfort you may have experienced as a result of the discussion questions and/or deception.

All survey responses are anonymous, and it will not be possible to trace your data back to you.

At this time, you may still withdraw your consent because we did not inform you of the true purpose of this study. If you choose to withdraw your consent, we will not use your data.

If you have any questions about your rights as a research participant, you may contact Dr. Diyi Yang at salt.socialcomputing@gmail.com.

If you would like to receive a copy of the results, please let us know and we can email them to you at the conclusion of the study.

Please let us know at this time if you have any questions.

Thank you again for your participation!

Here is your ID: \${e://Field/RandomID}

Please copy this value and paste it into MTurk.

Once done, you can click the next button to submit your survey.

Powered by Qualtrics